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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 3 — MARCH, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of March 1954, averaged 38,580 barrels daily, an increase of 2,369 barrels from the average February production of 36,221 barrels daily.

The nine refineries in the State processed 48,177 barrels of crude oil daily for the month of March, a decrease of 8,490 barrels daily from the 56,667 barrels processed daily during the month of February, 1954.

During March, 15 wells were completed, 9 oil, 2 gas wells and 4 dry holes.

During March, the Commission issued 7 permits to drill new wells, a decrease of 9 from the 16 permits issued during February.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF MARCH, 1954

	TOTAL
IN STORAGE MARCH 1st.	
By Producers	242,483
By Transporters	374,995
By Refiners	317,600
TOTAL STORAGE	935,078
PRODUCED DURING MONTH	1,195,987
TOTAL	2,131,065
DISPOSITION:	
Refined in Montana	712,570
Shipped to Other States	420,243
Used for Fuel or Lost	11,975
TOTAL	1,144,788
IN STORAGE MARCH 31st:	
By Producers	235,679
By Transporters	469,637
By Refiners	280,961
TOTAL STORAGE	986,277

WYOMING OIL IMPORTED

IN STORAGE MARCH I, 1954	318,229
MARCH RECIEPTS, MONTANA REFINERIES	802,442
REFINED	780,934
IN STORAGE MARCH 31, 1954	339,737

NATURAL GAS WITHDRAWALS IN MONTANA

Month of March, 1954

Field	M. C. F.
Bowdoin	468,773
Bowes	87,232
Box Elder	20,068
Cedar Creek	465,569
Cut Bank (includes Reagan)	1,943,708
Dry Creek	258,196
East Poplar	1,689
Hardin	9,065
Keith Block	95,233
Kevin-Sunburst	143,872
Utopia	121,432
Whitlash Area	141,800
TOTAL	3,756,,637

Total withdrawals for March, 1953, were reported by Board of Railroad Commissioners as 2,914,140 M. C. F.

PRODUCERS REPORT
Month of March, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	7	879	4,352	.....	4,653	.....	578
7	Big Wall	21	3,087	14,194	.....	11,703	2,725	2,853
4	Border	8	.....	993	.....	993	.....	.....
10	Bowes	68	7,480	108,086	108,254	.....	.....	7,312
.....	Brady	.....	.....	.....	.....	.....	.....	.....
1	Cabin Creek	2	797	6,654	.....	4,657	1,792	1,002
27	Cat Creek	85	6,163	20,836	22,844	.....	.....	4,155
.....	Clark's Fork	.....	84	.....	.....	.....	.....	84
320	Cut Bank	1,123	119,073	232,224	234,745	.....	70	116,482
3	Deer Creek	7	1,260	14,909	14,524	.....	.....	1,645
2	Devil's Basin	2	155	428	.....	139	.....	444
5	Dry Creek	8	1,191	11,717	11,629	.....	14	1,265
20	Elk Basin	58	7,500	157,808	159,383	.....	.....	5,925
2	Frannie	2	529	1,194	1,132	.....	.....	591
2	Gage	3	1,495	614	612	.....	.....	1,497
5	Glendive	13	4,039	68,741	66,782	.....	.....	5,998
1	Golden Dome	1	205	382	.....	.....	.....	587
1	Hardin Area	3	788	2,977	.....	1,957	14	1,794
1	Ivanhoe Dome	1	207	627	.....	441	.....	393
219	Kevin-Sunburst	1,462	17,158	109,370	108,744	.....	216	17,568
.....	Jack Creek	.....	.....	.....	.....	.....	.....	.....
1	Lake Basin	1	420	150	.....	.....	.....	570
1	Little Beaver	3	829	5,510	.....	5,476	.....	863
3	Melstone	6	2,494	10,125	.....	10,207	.....	2,412
2	Mosser	4	.....	824	.....	824	.....	.....
7	Pine Unit Area	8	3,570	27,204	.....	25,094	1,348	4,332
74	Pondera	312	7,402	58,345	57,496	.....	.....	8,251
31	Poplar Area	37	23,804	219,769	210,393	11,787	1,838	19,555
2	Ragged Point	3	2,224	1,045	.....	542	.....	2,727
.....	Rattlesnake Butte	.....	739	.....	.....	.....	.....	739
2	Reagan	32	3,123	18,392	19,166	.....	.....	2,349
5	Richey	10	6,630	12,995	.....	15,450	.....	4,175
1	Sidney Area	1	2,445	5,527	6,012	.....	156	1,804
.....	Sand Creek	.....	166	.....	.....	.....	.....	166
3	Southwest Richey	4	1,118	10,626	.....	10,366	146	1,232
5	Soap Creek	6	1,862	2,507	.....	1,157	16	3,196
10	Sumatra	33	9,587	49,758	.....	50,379	.....	8,966
3	Sweet Grass Hills	3	477	385	.....	385	.....	477
6	Whitlash	16	2,438	15,432	15,879	.....	.....	1,991
.....	Wolf Creek	.....	51	.....	.....	.....	.....	51
2	Woodrow	2	777	705	363	.....	.....	1,119
1	Yellowstone	1	236	582	.....	154	134	530
790		3,356	242,482	1,195,987	1,037,958	156,364	8,469	235,678

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
January, 1954	955,704	30,829	906,205	29,232
February, 1954	1,014,191	36,221	1,039,095	37,110
March, 1954	1,195,987	38,580	1,194,322	38,527

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
January 31, 1954	274,029	376,445	614,749	1,265,223
February 28, 1954	242,483	374,995	635,829	1,253,307
March 31, 1954	235,678	469,637	620,698	1,326,013

*Includes Wyoming Oil.

TRANSPORTATION REPORT
Month of March, 1954

	Storage First of Month	OIL RECEIVED			Loss or Gain	OIL SHIPPED TO		Connecting Carriers	Storage End of Month
		From Producers and Pipeline	Truck	Connecting Carrier		Montana	Other States		
ASH CREEK									
Trucks			4,653				4,653		
BIG WALL									
Trucks	2,196		11,703			11,901			1,998
BORDER									
Trucks			993			993			
BOWES									
Northern Pump	2,337	37,449			13		38,451		1,322
The Texas Company		70,805					70,805		
	2,337	108,254			13		109,256		1,322
CABIN CREEK									
Shell Oil Co.			4,657				4,657		
CAT CREEK									
Continental Pipe Line Co.	6,535	13,214			333	15,737			3,679
Wm. Hanlon		9,630				9,630			
	6,535	22,844			333	25,367			3,679
CUT BANK									
Darling Gathering System	2,470	30,135				27,267			5,338
Phillips Petroleum Co.	86,422	51,861			829			19,366	118,088
Texas Pipe Line Co.	76,524	50,531		52,058	226	69,471		13,705	95,711
Toronto Pipe Line Co.	25,301	63,887			(12)			61,832	27,368
Union Oil Co.	62,876	40,310		42,845	(63)	47,120			98,974
	253,593	236,724		94,903	980	143,858		94,903	345,479
DEVILS BASIN									
Trucks			139			139			
DRY CREEK									
Ohio Oil Co.	7,885	11,629			2	11,757			7,755
ELK BASIN									
Ohio Oil Co.		159,383				98,488	60,895		
FRANNIE									
Ohio Oil Co.		1,132					1,132		
GAGE									
Northern Pump Co.	395	612			2				1,005
GLENDIVE AREA									
The Texas Co.	10,482	79,119			616	63,623	20,330		5,032
HARDIN AREA									
Trucks			1,957				1,957		
IVANHOE DOME									
Trucks			441			441			
KEVIN-SUNBURST									
Big West Oil Co.	2,399	40,381				39,651			3,129
Homestake Oil & Gas Co.	704	4,024				2,467			2,261
Texas Pipe Line Co.	28,326	62,711		1,550	578	63,426			28,583
Anna Aronow	109	1,636						1,550	195
	31,538	108,752		1,550	578	105,544		1,550	34,168
LITTLE BEAVER									
Shell Oil Co.			5,476				5,476		
MELSTONE									
Trucks	760		10,207			10,233			734
MOSSER									
Trucks			824			824			
PINE UNIT AREA									
Shell Oil Co.			25,094			22	25,072		
PONDERA									
Phillips Petroleum Co.	50,807	57,443			249	52,074			55,927
POPLAR AREA									
East Poplar Gathering System	3,766	189,522			565	58,640	126,518		7,565
Plastic Service Lines, Inc.		20,871					20,871		
Trucks			11,787			2,437	9,350		
	3,766	210,393	11,787		565	61,077	156,739		7,565
RAGGED POINT									
The Texas Company			542		81	461			
REAGAN									
Union Oil Co.		19,166				19,166			
RICHEY AREA									
Shell Oil Co. and Trucks			15,450			2,909	12,541		
SIDNEY AREA									
Sun Oil Co.		6,012					6,012		
SOAP CREEK									
Trucks			1,157				1,157		
SOUTHWEST RICHEY									
Shell Oil Co.			10,366				10,366		
SUMATRA AREA									
Trucks	2,716		50,379			50,231			2,864
SWEET GRASS HILLS									
Trucks and Pipeline	1,985	15,130	385			15,391			2,109
YELLOWSTONE									
Trucks			154			154			
GRAND TOTAL	374,995	1,036,593	156,364	96,453	3,419	674,653	420,243	96,453	469,637

REFINERS REPORT BY FIELDS
Month of March, 1954

	Location of Plant in Montana	Storage First of Month	Oil Received	Losses	Oil Refined	Month Storage End of
BIG WALL						
Farmers Union Cent. Ex. Inc.	Laurel	714	11,901	.....	11,744	871
BORDER						
The Texas Company	Sunburst	1,145	993	.....	1,090	1,048
CAT CREEK						
Continental Oil Co.	Billings	.....	14,997	.....	14,997	.....
Jet Fuel Refinery	Mosby	7,068	10,309		16,628	749
		7,068	25,306	.....	31,625	749
CUT BANK						
The Texas Company	Sunburst	86,504	96,738	.....	97,030	86,212
Union Oil Co. & Socony	Cut Bank	14,220	47,120	267	38,761	22,312
		100,724	143,858	267	135,791	108,524
DEVILS BASIN						
Farmers Union Cent. Ex. Inc.	Laurel	.....	139	.....	139	.....
DRY CREEK						
Farmers Union Cent. Ex. Inc.	Laurel	4,613	11,759	14	12,155	4,203
ELK BASIN						
Carter Oil Co.	Billings	.....	78,718	.....	78,718	.....
Continental Oil Co.	Billings	.....	19,770	.....	19,770	.....
			98,488	.....	98,488	.....
GLENDIVE						
Farmers Union Cent. Ex. Inc.	Laurel	8,653	63,623	.....	62,301	9,975
IVANHOE DOME						
Farmers Union Cent. Ex. Inc.	Laurel	.....	445	.....	445	.....
KEVIN-SUNBURST						
Big West Oil Co.	Kevin	29,569	39,875	.....	33,916	35,528
The Texas Company	Sunburst	102,207	65,893	.....	105,714	62,386
		131,776	105,768	.....	139,630	97,914
MELSTONE						
Farmers Union Cent. Ex. Inc.	Laurel	713	10,233	.....	9,951	995
MOSSER						
Farmers Union Cent. Ex. Inc.	Laurel	.....	824	.....	824	.....
PINE UNIT						
Farmers Union Cent. Ex. Inc.	Laurel	.....	22	.....	22	.....
PONDERA						
Phillips Petroleum Co.	Great Falls	9,712	52,040	.....	48,600	13,152
POPLAR						
Carter Oil Company	Billings	37,740	48,090	.....	64.715	21,115
Modern Oil Company	Shelby	1,198	12,987	.....	11,339	2,846
		38,938	61,077	.....	76,054	23,961
RAGGED POINT						
Farmers Union Cent. Ex. Inc.	Laurel	.....	461	.....	461	.....
REAGAN						
Union Oil Company	Cut Bank	.....	19,166	.....	19,166	.....
RICHEY AREA						
Union Oil Company	Cut Bank	.....	2,909	.....	2,909	.....
SUMATRA						
Farmers Union Cent. Ex. Inc.	Laurel	2,855	50,231	.....	49,291	3,795
SWEET GRASS HILLS						
Big West Oil Co.	Kevin	.....	397	.....	397	.....
The Texas Company	Sunburst	10,689	15,158	152	9,921	15,774
Union Oil Company	Cut Bank	.....	1,412	.....	1,412	.....
		10,689	16,967	152	11,730	15,774
YELLOWSTONE						
Farmers Union Cent. Ex. Inc.	Laurel	.....	154	.....	154	.....
TOTAL MONTANA OIL		317,600	676,364	433	712,570	280,961
OIL FROM WYOMING						
Carter Oil Company		76,307	401,500	.....	414,291	63,516
Continental Oil Co.		170,838	220,959	.....	192,568	199,229
Farmers Union Cent. Ex. Inc.		71,084	179,983	.....	174,075	76,992
TOTAL WYOMING OIL		318,229	802,442	.....	780,934	339,737
TOTAL MONTANA & WYOMING OIL		635,839	1,478,806	433	1,493,504	620,698

	Average Barrels Per Day			Percent of Crude Refined	
	Montana	Wyoming	Total	Montana	Wyoming
Year 1953	20,540	33,183	53,723	38.2	61.8
March 1953	21,295	31,726	53,021	40.2	59.8
March 1954	22,986	25,191	48,177	47.7	52.3